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OBITUARY.

British mycology has suffered another severe loss by the death of CHRISTOPHER EDMUND BROOME, M. A., of Batheaston, for many years associated with the Rev. M. J. Berkeley in the production of numerous contributions to the Linnean Society and the Annals of Natural History. Although ten years the junior of the latter and apparently more active and vigorous, yet his friends have not failed to notice a gradual decline during the last twelve months, which has somewhat suddenly come to a fatal termination. His quiet, unassuming manners, his extreme modesty in all scientific matters and his universal kindness and geniality endeared him to all who knew him.—*Grevillea*.

NEW LITERATURE.

BY W. A. KELLERMAN.

"BRITISH PYRENO MYCETES; A PRELIMINARY LIST OF KNOWN SPECIES." By G. Masee. *Grevillea*, December, 1886.

"NEW BRITISH FUNGI." By M. C. Cooke. l. c.

"PRÆCURSORES AD MONOGRAPHIA POLYPORORUM." By M. C. Cooke. l. c.

"FUNGUS FORAYS, 1886." l. c.

"KRYPTOGAMEN-FLORA VON DEUTSCHLAND, OESTERREICH UND DER SCHWEIZ, PILZE, VON DR. G. WINTER, 26 LIEFERUNG, PYRENO MYCETES (SPHÆRIACEÆ).

This Lieferung is occupied mostly with the families *Diatrypææ*, with the genera *Calosphæria*, *Quaternaria*, *Scoptria*, *Diatrypella*, *Diatrype*, and *Xylariææ*, with the genera *Nummularia*, *Hypoxylon*, *Ustilina*, *Poronia* and *Xylaria*. Dr. Winter unites under the genus *Calosphæria* the forms (without stroma) with eight to many-spored asci, with or without beaked perithecia. *Calosphæria* possesses, besides the conidia-bearing mycelium, also special conidia-stromata which resemble the perithecia. *Diatrypella*, having asci with many spores, and *Diatrype*, having asci with eight spores, are nevertheless well distinguished by several other characters. In the large genus *Hypoxylon* are included forms that differ widely, but they are all connected with intermediate species. "Notwithstanding the difference outwardly, all the species show a decided correspondence in the structure of the ascus-layer, also, so far as known, in the structure connected with the conidia."

"THE DRY-ROT FUNGUS; MERULIUS LACHRYMANS." Worthington G. Smith, *Gardeners' Chronicle*, Dec. 13, 1886.

"UEBER ALKOHOLGÄHRUNG UND SCHLEIMFLUSS LEBENDER BÄUME, VERURSACHT DURCH ENDOMYCES MAGNUSII, N. SP. UND LEUCONOSTOC LAGERHEIMII, N. SP. VORLÄUFIGE MITTHEILUNG." Von Prof. Dr. F. Ludwig, *Hedwigia*, Bd. XXV, Heft. V, 1886.

"REVISION DER HYSTERINEEN IM HERB. DUBY." Von Dr. Rehm. l. c.